



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 34] NEW DELHI, SATURDAY, AUGUST 25, 1979 (BHADRA 3, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 25th August 1979

APPLICATION FOR PATENTS FILED AT THE  
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed  
under Section 135 of the Act

19th July 1979

739/Cal/79. Engelhard Minerals & Chemicals Corporation.  
Ammonia manufacturing process.

740/Cal/79. Sumitomo Chemical Company Limited. Monoazo  
blue disperse dye.

741/Cal/79. Vyzkumny Ustav Bavlnarsky. Method of and  
apparatus for removing dirt particles from staple  
fibres and for straightening said fibres in an open-  
end spinning process.

742/Cal/79. Amsted Industries Incorporated. Improved rail  
portion for railroad car coupler knuckle

743/Cal/79. Politechnika Gdanska. The inorganic salts of  
trimethylammonium derivatives of polyene macro-  
lides, particularly the inorganic salts of methyl  
esters of these derivatives and the method of their  
preparation.

20th July 1979

744/Cal/79. CPC International Inc. Novel glucoamylase and  
method for its production.

745/Cal/79. BASF Aktiengesellschaft. Herbicidal agents  
based on acetanilides.

746/Cal/79. Westinghouse Electric Corporation. Improved  
light activated silicon switch.

1—207GI/79

747/Cal/79. Toyama Chemical Co. Ltd. Pharmaceutical com-  
position for rectal administration of cephalosporin.

748/Cal/79. The Belund Sugar Co. Ltd. The fertiliser.

21st July 1979

749/Cal/79. Politechnika Warszawska. The way of sulphuric  
acid production

750/Cal/79. Rhone-Poulenc Industries. A process for treating  
substances in different phases, such as the treat-  
ment of substances in liquid, semi-liquid or pasty  
form with another phase, in particular a gaseous  
phase

751/Cal/79. N. G. Kamat. Improvements in or relating to  
three phase alternating current energy meters.

23rd July 1979

752/Cal/79. Capsugel AG. Process for stabilizing dyestuffs  
sensitive to light and oxidation.

753/Cal/79. Palitex Project-Company GMBH. A centering  
disc or centering member for the mounting of a  
bobbin sleeve

754/Cal/79. RSP Company. Method and apparatus for the  
hysteroscopic non-surgical sterilization of females.

755/Cal/79. Territorialnoe Geologicheskoe Upravlenie Tsen-  
tralnykh Raionov and Severo-Zapadnoe Territorial-  
noe Geologicheskoe Upravlenie. Rapid-setting dry  
packing mix for eliminating bore hole troubles  
and method of manufacture thereof

756/Cal/79. Trutzschler GmbH & Co. KG. A device for  
opening of several textile fiber bales

757/Cal/79. Labofina S. A. Process for preparing terephthalic  
acid.

(501)

24th July 1979

758/Cnl/79 Societe DF Paris ET DU Rhone Improvements in starters in internal combustion engines

759/Cnl/79 Ukrainsky Nauchno Issledovatel'sky Institut Mekhanizatsii i Elektrifikatsii Selskogo Khozyaistva Screen for vibrating centrifugal separation machines

760/Cnl/79 Hoechst Aktiengesellschaft Process for preparing new nitroamines [Divisional date February 16, 1977]

761/Cnl/79 I. Gunzler Self contained solar tracking device

762/Cnl/79 Politechnika Slaska im Wincetego Pstrowskiego Device for safely guiding of hauling chain especially at ranging drum shifter in coal mining

763/Cnl/79 Schlumberger Overseas S. A. Vertical seismic exploration method and installation

25th July 1979

764/Cnl/79 Union Carbide Corporation Process for mixing liquid additives with solid materials

765/Cnl/79 Maschinenfabrik Augsburg Nurnberg Aktiengesellschaft Internal combustion engine with exhaust brake

766/Cnl/79 Voet Alpine AG Method and apparatus for the gasification of coal

767/Cnl/79 Toyon Chemical Co. Ltd. Antibacterial composition for medical use

768/Cnl/79 Sintekzo Ltd. Molding apparatus

769/Cnl/79 American Cyanamid Company Controlled release acrylic polymer coated granular pesticidal compositions with attendant reduced dermal toxicity

#### APPLICATIONS FOR PATENTS FILED AT THE (DELHI BRANCH)

9th July 1979

492/DEL/79 Indendra Behari Surendra Singh & Balam Ram, "Bonne Materials as Ultrasonic Transducer"

493/DEL/79 Council of Scientific and Industrial Research, "Improved process for sweetening of Petroleum Distillates"

494/DEL/79 Council of Scientific and Industrial Research "Closed Circuit Hydraulic Prop"

495/DEL/79 Standard Oil Company, "Low Density Cement Slurry and its use"

496/DEL/79 Vosper Thornycroft (UK) Limited, "Improvements in and relating to Boilers" (August 23, 1978)

497/DEL/79 The Goodyear Tire & Rubber Company, "Method of Manufacturing a Pneumatic Tire and Rim Assembly" [Divisional date October 26, 1976]

498/DEL/79 Dresser Industries Inc. "Analog To Digital Converter apparatus for Condition Responsive Transducer"

499/DEL/79 Science Union Et Cie Societe Francaise De Recherche Medicale, "Process for Preparing new piperidylbenzimidazolinone Derivatives"

10th July 1979

500/DEL/79 Speno International S.A., "Process and apparatus for the statistical transcription of at least one category of geometrical defects of railway tracks and document resulting from said transcription"

11th July 1979

501/DEL/79 Dorr-Oliver Incorporated, "Apparatus and process for Dissolution of gases in Liquid"

12th July 1979

502/DEL/79 Anaren Microwave, Incorporated, "Digital Fearing Indicator"

503/DEL/79 Fletcher Sutcliffe Wild Limited, "Mining Equipment" (July 18, 1978)

504/DEL/79 Bharat Heavy Electricals Limited "Static Phase Converter"

505/DEL/79 Bharat Heavy Electricals Limited, "Static Phase Converter"

506/DEL/79 Bharat Heavy Electricals Limited, "Static Phase Converter"

13th July 1979

507/DEL/79 Schering Aktiengesellschaft, "Biocidally active 1, 2, 3-triazolecarboxylic acid amides, a process for their manufacture and their use"

508/DEL/79 Produits Chimiques Ugine Kuhlmann, "A process for Obtaining 1, 5-Dinitro-Anthraquinone of High purity"

509/DEL/79 Produits Chimiques Ugine Kuhlmann, "A process for obtaining  $\alpha$ ,  $\alpha$ -Dinitro-Anthraquinones of High Purity"

#### APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

5th July 1979

195/Bom/79 The Ahmedabad Advance Mills Limited A method and equipment for cold bonding metallic strips

196/Bom/79 Mr. Utsulla Dabir, Economic Torch light

6th July 1979

197/Bom/79 Mr. Ashok B. Ambre, An Electronic Police (Wireless) Van Siren System

7th July 1979

198/Bom/79 Mrs. Annalakshmi Rajendra Portable Electronic Tester for Teleprinter

9th July 1979

199/Bom/79 Mr. Marathe Yeshwant Parashuram The Double Pole switch with Digital Indicator (250 V 30 Amp) A.C. 50 C/s

200/Bom/79 Mr. Marathe Yeshwant Parashuram, The Flow Turbine Type Electric Power Generator (A.C.)

201/Bom/79 Mr. Devendharai Somabhai Maik, Fiber Glass Taper

12th July 1979

202/Bom/79 M/s. Shri Ambica Mills Limited, A process for printing/dyeing fabrics made of cotton and/or blends thereof with non cellulose fibres with Disperse Dyes

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

19th July 1979

133/Mas/79 Tube Investments of India Ltd. A Pump

134/Mas/79 Central Machine Tool Institute Solid State Limit Switch

## ALTERATION OF DATE

146716. }  
201/Cal/78. } Ante-dated 19th July, 1975.

146737. }  
119/Bom/75. } Post-dated 2nd August 1976.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on office as indicated in respect of each such application, on the prescribed form 15 of the each opposition. The written statement of opposition should be filed alongwith the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India), Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 24B & E. 146711.  
Int. Cl.-F16d 49/100, 49/04.

## IMPROVEMENTS IN AND RELATING TO BRAKE ASSEMBLIES.

*Applicant* : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

*Inventor* : ANTHONY WILLIAM HARRISON.

Application No. 949/Cal/76 filed June 1, 1976.

Convention date June 9, 1975/(24695/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims.

A brake assembly comprising a plurality of brake parts arranged to be applied in unison to respective, different rotors, said brake parts being arranged so that one only is applied to a respective rotor and each said brake part comprising a body of friction material, an adjustable length strut cooperating with said body of friction material and to adjust the position of said body of friction material relative to said rotor to compensate for wear, and a support which carries both said body of friction material and said adjustable length strut, said support being movable in unison with said friction material and said strut towards and away from the associated rotor surface to apply said brake part; and brake adjusting means connected to each of said adjustable length struts to adjust the lengths thereof and including equalising means adapted to ensure that the lengths of all the adjustable struts are adjusted equally.

CLASS 24B & E. 146712.  
Int. Cl.-F16d 49/00, 49/04.

## IMPROVEMENTS IN AND RELATING TO BRAKE ASSEMBLIES.

*Applicant* : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

*Inventor* : ANTHONY WILLIAM HARRISON.

Application No. 950/Cal/76 filed June 1, 1976.

Convention date June 9, 1975/(24696/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 16 Claims.

A disc brake comprising a rotor, a friction member carried by a support, a pivoting link which connects the support to a brake support structure for movement towards and away from a braking surface of the rotor, the support being movable to a datum position under the action of a return force, and resilient means biasing the support to its datum position, the resilient means being yieldable when said return force exceeds a predetermined amount to permit movement of the support beyond its datum position and operative to return the support towards the datum position when the return force is reduced below said predetermined amount.

CLASS 24B & E & F. 146713.  
Int. Cl.-F16d 49/00, 49/04.

## IMPROVEMENTS IN OR RELATING TO BRAKES.

*Applicant* : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

*Inventor* : ANTHONY WILLIAM HARRISON.

Application No. 951/Cal/76 filed June 1, 1976.

Convention date June 9, 1975/(24697/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A brake comprising a body of friction material for engagement with a braking surface of a rotor; a support for the body of friction material; adjusting means which moves the body of friction material relative to the support to compensate for wear of the friction material, said adjusting means comprising a screw member extending substantially parallel with the direction of movement of the body of friction material, and a thrust member in screw-threaded engagement with the screw member and engaging the body of friction material to transmit braking forces from the screw member to the body of friction material; and means for applying braking forces to said screw member, the line of action of the force applied to the screw member, the line of action of the force applied to the screw member being offset from the line of action of the force transmitted to the body of friction material by the thrust member; wherein the thrust member is capable of rocking movement under the action of braking and reaction forces into thrust-transmitting engagement with the support so that the thrust member and screw member are clamped together in the support and reaction forces are transmitted transversely of the screw member and the thrust member to the support in the region of the engagement between the thrust member and the screw member.

CLASS 24B & E & F. 146714.  
Int. Cl.-F16d 49/00.

## IMPROVEMENTS IN OR RELATING TO DISC BRAKES.

*Applicant* : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

*Inventor* : COLIN JOHN FREDERICK TICKLE.

Application No. 952/Cal/76 filed June 1, 1976.

Convention date June 9, 1975/(24698/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A brake comprising an elongate body of friction material for braking engagement with a rotor surface; a support close to said rotor surface supporting the body of friction material; connecting means connecting the support to a fixed structure; and means urging the body of friction material into engagement with the rotor surface, wherein said connecting means transmits the drag forces to the fixed structure whilst permitting a degree of substantially friction-free movement of the body of friction material toward and away from the rotor surface.

CLASS 83A<sup>a</sup> & B<sup>a</sup>.  
Int. Cl.-A23j 1/04, A23i 3/00.

146715

# A PROCESS FOR DEHYDRATING ANIMALS, FISHES AND SHELLFISHES FOR OBTAINING PROTEIN.

*Applicant*: TANPAKU SHIGEN KAIHATSU TOKKYO KANRI KABUSHIKI KAISHA, OF NO. 1—306, MURAZUMI DANCHI, NISHI-KU, FUKUEKA-SHI, FUKUOKA-KEN, JAPAN.

*Inventor*: SHUZO NAKAZONO.

Application No. 1355/Cal/77 filed September 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim. No drawings.

A process for completely dehydrating and drying animals, fishes and shellfishes and the like, for obtaining protein comprising the steps of introducing ground internal organs, bones, skins, etc. of the animals, fishes and shellfishes and the like into fatty oil or vegetable oil indirectly heated by any conventional method, separating water content contained in the materials from the oil content and evaporating the separated water content from the oil so as to powder the material.

CLASS 32F<sup>a</sup> & F<sup>b</sup> & 40B.

Int. Cl.-C07b 3/00, C07c 47/22, 51/32, 53/22.

# PROCESS FOR THE PREPARATION OF CATALYST FOR OXIDATION OF OLEFINS.

*Applicant*: THE STANDARD OIL COMPANY, OF MIDLAND BUILDING, CLEVELAND, OHIO 44115, UNITED STATES OF AMERICA.

*Inventors*: ROBERT KARL GRASSELLI, DEV DHANARAJ SURESH AND HARLEY FOCH HARDMAN.

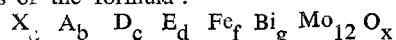
Application No. 201/Cal/78 filed February 23, 1978.

Division of Application No. 1413/Cal/75 filed July 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims. No drawings.

A process for the preparation of a catalyst for oxidation of olefins of the formula:



wherein X is cerium, thorium, manganese, preserodynium, yttrium, zirconium, ruthenium, gallium, tin, indium, lanthanum, copper, tantalum niobium, germanium, chromium, antimony, tungsten or mixture thereof; A is an alkali metal, Tl or mixture thereof; D is Ni, Co, Mg, Zn, Cd, or mixture thereof; E is P, As, B, W, S, Al or mixture thereof; and wherein a is greater than 0 but less than 5; b and d are 0-4; c, f and g are 0.1—12; and x is the number of oxygens required to satisfy the valence requirements of the other elements present, in which the catalyst is prepared by coprecipitation of soluble salts of the catalyst components and finally, the catalyst is heat treatment as herein described.

CLASS 63A<sub>1</sub> & I & 69B.

Int. Cl.-H02k 11/00, H02h 7/08.

146717

# A SINGLE PHASE MOTOR.

*Applicant*: INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600036, TAMIL NADU, INDIA.

*Inventor*: MR. MEDUNGHAT ACHUTHAN.

Application No. 6/Mas/77 filed January 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

2 Claims.

A single phase motor characterised by electronic switching means connected to the power input line of the starting winding of the motor or to the main power input line of the motor. the switching means, in the "on position" there-

of, enabling power to be supplied through the former power input line or the latter power input line; a first coil connected to the starting winding circuit for carrying the starting current of the motor; a second coil in which an e.m.f. is induced by current in the first coil; a rectifier for rectified the output of the second coil; a delay circuit operative on the rectified output of the rectifier to actuate the switching means to the "off position" on the completion of a predetermined period and thus cut off supply of power through the former power input line or the latter power input line.

CLASS 206E.

Int. Cl.-H01l 1/00.

146719.

# A PIN DIODE.

*Applicant*: INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600 036, TAMIL NADU, INDIA.

*Inventors*: DR. MANIYAMBATH KENDIYAN ACHUTHAN AND KUNCHINADKA NARAYANA BHAT.

Application No. 31/Mas/77 filed February 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

2 Claims.

A pin diode comprising the known masking silicon dioxide layer and the known N region characterised by a window provided in the said layer on either side of the said region.

CLASS 206E.

Int. Cl.-H03k 19/8.

146719

# A LOGIC CIRCUIT.

*Applicant & Inventor*: BALASUBRAMANIAN JEGATHESAN, 14C, SUKALAPALAYAM GOVINDA CHETTY STREET, KANCHIPURAM, TAMILNADU, INDIA.

Application No. 96/Mas/77 filed May 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

6 Claims.

A logic circuit for indicating the low-to-high, high-to-low pulse transition and the state of the input signal like whether it is logic low level, high level, open-circuit, low-to-open-circuit transitions characterised in that it comprises of a first inverter (I), and a transistor (Ti) for inverting the signal fed to them; the output of the first inverter (I) being fed separately to second inverter (I2); a first light emitting diode (LO), a first and gate (A4) and a first flip-flop (FF2); the output from the transistor (Ti) being connected separately to a second and gate (A1); the output from the second inverter (I2) in turn being fed to a second light emitting diode (Li), a second-flip-flop (FF1) a second (A1) and a third (A5) and gates; the reset point (R) of each flip-flop being activated by the Q output of the other flip-flop through a first reset switch (SW2) and a fourth (A2) and fifth (A3) and gates;

CLASS 14B.

Int. Cl.-H01m 21/06.

146720.

# A DRY CELL.

*Applicant & Inventor*: CHAZHUARAN PAULOSE DAVASSY, BEENA DALE, TANGASSERI, QUILON-7, KERALA STATE, INDIA.

Application No. 190/Mas/77 filed December 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

1 Claim.

A dry cell comprising an aluminium cylindrical casing containing a thick paste of calcium chloride, caustic soda and plaster of paris mixed in the ratio 4 : 1 : 3 by weight and a carbon rod placed in a canvase bag packed with manganese dioxide and carbon powder forming the depolariser, being fitted in a central cavity inside the casing.

CLASS 5D. 146721.  
Int. Cl.-B05b 11/00.

#### A SIMPLIFIED KNAP SACK SPRAYER.

*Applicant & Inventor* : ANDIACKAL NARAYAN BALAN, KHANNANAGAR P.O., KORATTY-680 309, KERALA STATE, INDIA.

Application No. 11/Mas/78 filed January 25, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims.

A simplified knap sack sprayer comprising of a cylindrical container, the flanged mouth of which is closed air tightly by a circular mouth piece held in position by means of an upper flange and a split lower flange, the said mouth piece being provided with a filler plug and a filler cap carrying an air inlet valve, the said mouth piece being further provided with an adapter which is connected inside the container to a suction pipe extending upto the spherical bottom of the said container, while the outer end of the said adapter is connected to a flexible delivery hose, the other end of the delivery hose being connected through a stop cock to a lance which ends in a nozzle.

CLASS 89. 146722.  
Int. Cl.-G011 1/00.

#### COMPRESSION TESTING MACHINE FOR PELLETS OR LIKE MATERIALS.

*Applicant* : THE TATA IRON AND STEEL COMPANY LIMITED, JAMSHEDPUR, BIHAR, INDIA.

*Inventors* : SURINDER MOHAN MEHRA AND GAUTAM RAY.

Application No. 806/Cal/76 filed May 7, 1976.

Complete Specification left May 26, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A compression testing machine for testing brittle and hard material comprising a lower or bottom anvil for supporting the material to be tested, an upper or top anvil adapted to press on the said material, means for applying a compressive force or load on the material through one of the said two anvils, a resilient spring adapted to be loaded by the said compressive force through the other of said anvils and means actuated by the deflection of the said spring which means indicate directly compressive force or load applied to the said material.

CLASS 126D. 146723.  
Int. Cl.-G05d 16/00.

#### A FLUID FLOW APPARATUS.

*Applicant* : EIMCO (GREAT BRITAIN) LIMITED, OF EARLSWAY, TEAM VALLEY, GATESHEAD, NE 110SB, ENGLAND.

*Inventor* : WILLIAM ALLEN HUNT.

Application No. 1425/Cal/76 filed August 7, 1976.

Convention date September 1, 1975/(35894/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A fluid flow apparatus including a pump for feeding pressure fluid along a plurality of delivery paths from a fluid source to at least one machine, a fluid return path between the source and points on said delivery paths downstream of the pump, a prime mover to drive the pump and a normally closed flow-return valve in the return path which can be open-

ed to allow pressure fluid from the pump to be returned to the source, in which the prime mover is de-energised by opening the flow-return valve.

CLASS 50B & D & 196B1. 146724.  
Int. Cl.-F24f 5/00, 7/00.

#### AN APPARATUS FOR PERFORMING A CLOSED CIRCUIT COOLING PROCESS.

*Applicant & Inventor* : MANFRED ROLF BURGER, OF 8023 PULLACH, WOLFRATSHAUSER STRASSE 45/1, WEST GERMANY.

Application No. 1943/Cal/76 filed October 27, 1976.

Convention date October 30, 1975/(238,836/75) Canada.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for performing a closed-circuit process, for the transfer of heat comprising a compressor, a condenser, an expansion restrictor and an evaporator arranged in series as a closed-circuit through which circulates working fluid including refrigerant, having a boiling point within a range of 0°C —60°C at atmospheric pressure, characterized in that initial charging means are provided for enabling the working fluid to be formed in situ by mixing the refrigerant with air having a pressure initially, that is prior to any use, of the circuit, of at least 0.05 atmospheres absolute.

CLASS 90-I. 146725.  
Int. Cl.-C03c 25/02.

#### A METHOD OF COATING GLASS FIBRES AND THE GLASS FIBRES COATED BY THE METHOD.

*Applicant* : PILKINGTON BROTHERS LIMITED, OF PRESCOT ROAD, ST. HELENS, MERSEYSIDE WA10 3TT, ENGLAND.

*Inventors* : COLIN JONES CHEETHAM AND PHILLIP MAGUIRE.

Application No. 1560/Cal/77 filed October 31, 1977.

Convention dated November 11, 1976/(47071/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A method of coating glass fibres to protect them from deterioration in an alkaline environment, such as a Portland cement matrix, said method comprising the steps of applying to the glass fibres and aqueous composition containing a water-soluble film-forming material (such as herein defined) having free aliphatic hydroxyl groups in the molecule a water soluble ester formed by reaction of a tri-hydroxy or di-hydroxy-substituted aromatic carboxylic acid with an alcohol having at least two hydroxyl groups in the molecule, and a cross-linking agent (such as herein defined), and drying and curing the composition at elevated temperature so as to cause cross-linking of the hydroxyl groups of the film-forming material, thereby to form a thermoset film coating on the glass fibres which also retains the ester.

CLASS 69-I & K. 146726.  
Int. Cl.-H01h 35/18 & 35/24.

#### A FLOAT OPERATED SWITCH.

*Applicant & Inventor* : VIJAM JOSHUA, 2994 13TH MAIN ROAD, ANNANAGAR, MADRAS-600 040, TAMIL NADU, INDIA.

Application No. 269/Mas/76 filed December 27, 1976.

Complete Specification left December 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 3 Claims.

A float operated electric switch comprising of a fluid casing for containing a fluid and a switch casing positioned above the fluid casing and inside which, the fixed contacts of the switch are mounted, a sleeve housing a spindle and connecting the switch and the fluid casing, a movable contact mounted at one end of the spindle projecting inside the switch casing and a float connected to the other end of the spindle, the arrangement being such that the float descends due to decrease in level of the fluid, thereby to move the spindle down to establish contact between the fixed contacts and the movable contact to operate an electrically operable actuating mechanism.

CLASS 129J. 146727.  
Int. Cl.-B21h 1/14.

## SKEW ROLLING MACHINE.

*Applicant* : THE TATA IRON AND STEEL COMPANY LIMITED, JAMSHEDUR, BIHAR, INDIA.

*Inventors* : SURINDER MOHAN MEHRA AND GAUTAM RAY.

Application No. 805/Cal/76 filed May 7, 1976.  
Complete Specification left May 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims.

A skew rolling machine for rolling symmetrical components having small dimensions such as balls for grinding mills, balls and rollers for ball and roller bearings, cypens, cycle hubs and the like from a round bar said machine comprising a pair of rolls, each roll having helical grooves formed on its periphery and adapted to be rotated in the same direction, a cradle on which one of said rolls and a chuck are mounted, the other roll being mounted in a frame, said cradle being able to swivel about a trunnion pin for skewing the said roll mounted thereon relative to the other roll at the desired angle and adapted to be locked in the desired position.

CLASS 130F. 146728.  
Int. Cl.-B22d 37/00.

## SLIDING GATE VALVE MECHANISM USED FOR TEEMING HOT METAL FROM THE LADLE.

*Applicant* : THE TATA IRON AND STEEL COMPANY LIMITED, OF JAMSHEDPUR, BIHAR, INDIA.

*Inventors* : SURINDER MOHAN MEHRA AND SIBABRATA KAR.

Application No. 807/Cal/76 filed May 7, 1976.

Complete specification left May 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

A sliding gate valve mechanism for teeming hot metal from the ladle comprising a structure in which is fitted a flow nozzle which has to register with the pour opening in the pouring nozzle fitted in the pour vessel, a sliding gate plate fitted above the said flow nozzle, said gate plate having a passage axial with the said flow nozzle characterized by that the sliding gate plate is held within a carrier, said carrier being supported at its underside by a floating support plate, a series of coil springs deposited within a housing which springs press upwardly the said floating support plate which plate is slidable along and within the walls of the said structure whereby the springs apply pressure on the said floating support plate which pressure is in turn communicated to the carrier and through the said carrier to the sliding gate plate to hold the said gate plate firmly against a fixed plate normally provided at the base of the pouring nozzle which has the pour opening, means being provided for imparting reciprocating motion to the carrier so that successively the flow nozzle registers with the pouring nozzle for the flow of molten metal from the ladle.

CLASS 85J & 176F.  
Int. Cl.-F22b 31/00.

146729.

## A DEVICE OR CONVERSION OF AN OIL/GAS BOILER TO COAL FIRED BOILER.

*Applicant* : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA.

*Inventor* : PRABIR BASU.

Application No. 968/Cal/76 filed June 4, 1976.

Complete Specification left August 19, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 6 Claims.

A device for conversion of an oil/gas burning boiler into coal fired burner and to be fitted at the flue of the boiler which comprises of an air box, top thereof acting as an air distributor means, a coal feeder means, an air blower means for the said air box; a set of tubes to coal the fluidized bed wherein air escaping from the distributor means forces a fluidised bed of the coal fed on the top thereof for combustion.

CLASS 65Ba.

146730.

Int. Cl.-H01f 40/06.

## A RING TYPE CURRENT TRANSFORMERS.

*Applicant* : BHARAT HEAVY ELECTRICALS LTD., 18-20, KASTURBA GANDHI MARG, NEW DELHI-110 001, INDIA.

*Inventor* : DAYAL PRASAD GUPTA.

Application No. 2103/Cal/76 filed November 24, 1976.

Complete specification left February 14, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 3 Claims.

A ring type current transformer, insulated by means of insulating paper characterized by that the insulating paper is wrapped in pairs around the core of the transformer each of the insulating wraps being of U or channel shape and turned in vertical or horizontal plane so that when applied on the transformer the horizontal members of one wrap overlap the horizontal members of the paper in the opposite wrap while the vertical members are opposite to each other and between the said horizontal members of the said two wraps is inserted a washer of insulating material or paper being held between one wrap of : opposite wrap of the insulating member.

CLASS 32Fa.b.

146731.

Int. Cl.-C07b 35/10.

## PROCESS FOR PREPARING ISOQUINOLINE-ACETAMIDE DERIVATIVES.

*Applicant* : CHINOIN GYOGYSZER-ES VEGYESZETI TERMEKEK GYARA RT, OF 1-5 TO UTCA, BUDAPEST IV, HUNGARY.

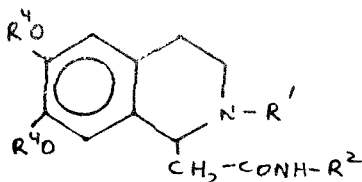
*Inventors* : GABOR BERNATH, JENO KOBOR, ZOLTAN ESSERY, DR. EMIL MINKER AND DR. MATYAS KOLTAI.

Application No. 1784/Cal/77 filed December 29, 1977.

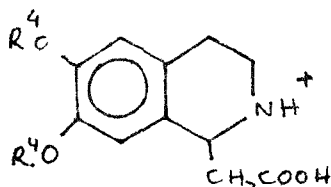
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims.

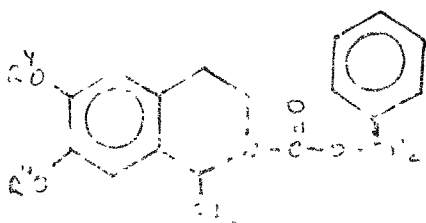
Process for the preparation of the new compounds of the general formula VIII.



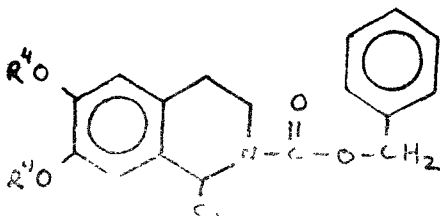
and salts thereof wherein  $R^1$  is hydrogen, or benzyloxycarbonyl,  $R^2$  is aryl such as phenyl, substituted aryl such as herein described or heteroaryl such as pyridyl, thiazolyl or quinoxalyl,  $R^4$  is methyl- or ethyl- which comprises reacting 6, 7-dimethoxy- or diethoxy-1, 2, 3, 4-tetrahydro-isoquinolineacetic acid of the general formula IX.



with benzyloxycarbonyl halide at a temperature -10 to 100°C in presence of an organic or inorganic base in a solvent or in absence of a solvent and reacting the obtained 2-benzyloxycarbonyl-6, 7-dimethoxy- or diethoxy-1, 2, 3, 4-tetrahydro-1-isoquinoline acetic acid of the general formula VII.



or a reactive derivative prepared from said compound and of the general formula VI.



whereof—wherein  $R^3$  is an atom or atom group capable of activating carboxyl group such as halogen, acyloxy, alkylxy, aryloxy or substituted aryloxy  $R^4$  is as defined above—with an amine of the general formula V.



wherein  $R^3$  has got the meaning defined above in presence of a tertiaryamine such as triethylamine and alkoxy carbonyl chloride such as isobutyloxy carbonyl chloride at a temperature—15 to 30°C of desired removing the benzyloxycarbonyl group and converting, if desired, the obtained compound of the general formula VIII to a pharmaceutically acceptable salt thereof or releasing it from its salt by conventional method.

## CLASS 64B.

146732.

Int. Cl.-H01r.

## AN IMPROVED ELECTRIC PLUG.

*Applicant*: MINI INDUSTRIES, B-59/5, NARAINA INDUSTRIAL AREA PHASE-II NEW DELHI (INDIA).

*Inventor*: MR. DES RAJ AGGARWAL.

Application No. 198/Del/77 filed August 16, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 6 Claims.

An improved electric plug which comprises the main body or the plug housing made of a hard core material such as bakelite with the connecting terminals or pins moulded in position therein, the said body being enclosed in an outer casing made of a resilient soft core material such as plastic or other suitable non-conducting synthetic material; each terminal of the plug carrying with it the corresponding tightening screws; a detachable nozzle for insertion of the lead-in cable fixed to the plug body; a round cover plate with provision of locking studs characterised in that the lower ends of the tightening screws have a flat surface with provision of a washer at their top so that the electric connection could be made by fixing the connecting wire either at the top of the tightening screw with the help of the washer or through the conventional hole of the terminal or the pin as desired.

## CLASS 32B &amp; 39-O &amp; 40A.

146733.

Int. Cl.-C07c 15/08, B01j 11/00, 9/00.

## ISOMERIZATION OF XYLENE.

*Applicant*: MOBIL OIL CORPORATION, OF 150 EAST 42ND STREET, NEW YORK, NEW YORK, 10017, UNITED STATES OF AMERICA.

*Inventor*: FRANCIS GERARD DWYER.

Application No. 636/Cal/77 filed April 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 13 Claims. No drawings.

A process for effecting vapour-phase catalytic isomerization of a xylene mixture feed which comprises contacting said mixture and hydrogen at a temperature of 450°F to 900°F, a pressure of 50 psig to 500 psig, a hydrogen/hydrocarbon mole ratio of 0.1 to 100 and a weight hourly space velocity of 0.1 to 200 with a crystalline aluminosilicate zeolite characterized by a silica/alumina mole ratio of 12 to 3000 and a constraint index within the range of 1 to 12, said zeolite containing hydrogen cations and being associated with a non-noble metal of Group VIII of the Periodic Table of Elements, in the presence of 3 to 30 per cent by weight of said xylene mixture, of a diluent comprising toluene and C9 + hydrocarbons.

## Class 32F3a.

146734.

Int. Cl.-C07c 45/08.

## A PROCESS FOR PRODUCING ALDEHYDE PRODUCTS BY RHODIUM CATALYZED HYDROFORMYLATION OF ALPHA-OLEFINS.

*Applicant*: UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK, 10017 UNITED STATES OF AMERICA.

*Inventor*: DAVID ROBERT BRYANT.

Application No. 1244/Cal/77 filed August 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

In a process for producing aldehyde products by the rhodium catalyzed hydroformylation of alpha-olefins containing 2 to 20 carbon atoms comprising: providing a liquid body of a homo-

gaseous mixture containing said alpha olefin, said aldehyde products and higher boiling aldehyde condensation products such as hereinbefore described in an amount required to solubilize rhodium catalyst a soluble rhodium catalyst complexed with carbon monoxide and triarylphosphine at least 10 moles of free triarylphosphine being present for each mole of rhodium metal, the liquid body also containing iron salt contaminants which promote the formation of said condensation products, supplying to the liquid body a gaseous stream comprising hydrogen and carbon monoxide, maintaining the temperature of the liquid body at 50°C to 130°C, the total pressure at less than 400 psia, the improvement which comprises removing said iron salts from the liquid body by complexing with an aqueous solution of a sequestering agent, and thereafter removing the resulting iron complex in a separate aqueous phase

CLASS 101F

146735.

Int Cl-E02b 9/08.

A PLANT FOR GENERATING POWER FROM THE WIND AND SEAWAVES.

*Applicant & Inventor* : DEVENDRA HIRALAL VEECUM-SEE, OF NO 123, MOUNT ROAD, MADRAS-600006, TAMIL NADU, INDIA

Application No. 52/Mas/77 filed March 4, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

## 4 Claims.

A plant for generating power from the wind and sea waves comprising either, or both, of the following structures, namely (i) a rigid structure erected on the sea bed near the coast, (ii) and buoyant structure a float on the sea and anchored to the sea bed near the coast, plurality of paddle wheels rotatably mounted on the said structure and provided with means for lowering or raising them with respect to the surface of water in the sea, so as to enable them to be brought sufficiently close to the water surface for being rotatably driven by sea waves, a first set of flywheels mounted on shafts supported on said structure and coupled respectively to said paddle wheels, said flywheels being also intercoupled in known manner so as to enable the power transmitted to them by said paddle wheels to be taken off from at least one main shaft coupled to the said first set of flywheels, a plurality of windmills erected on the coast; a second set of flywheels mounted on shafts supported on land and coupled in known manner respectively to said windmills, said flywheels being also intercoupled so as to enable the power transmitted to them by said windmills to be taken off from the said main shaft coupled to the said second set of flywheels; and means for generating electrical power from the power available at the said main shaft

CLASS 32F, & F<sub>2</sub>b

146736.

Int Cl-C07d 51/00, 51/30, 51/32.

A PROCESS FOR THE PRODUCTION OF HISTAMINE H<sub>2</sub>-ANTAGONISTS

*Applicant* : SMITH KLINE & FRENCH LABORATORIES LIMITED, OF MUNDELIS, WELWYN GARDEN CITY HERTFORDSHIRE, ENGLAND.

*Inventors* : THOMAS HENRY BROWN, GRAHAM JOHN DURANT, JOHN COLIN EMMETT, AND CHARON ROBIN GANELLIN

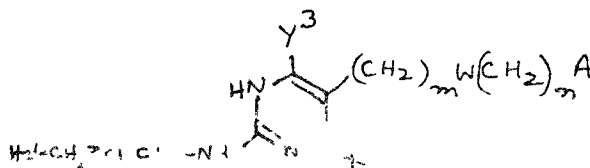
Application No. 1633/Cal/76 filed September 6, 1976

Convention date October 2, 1975/(40341/75) U K

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

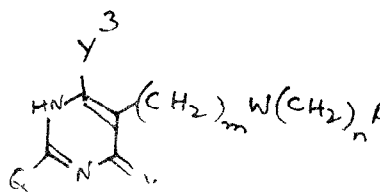
A process for the preparation of compound of the formula



wherein Het' is a 2- or 4-imidazolyl ring optionally substituted by lower alkyl (preferably methyl), halogen (preferably chlorine or bromine), trifluoromethyl or hydrobethyl, a 2-pyridyl ring optionally substituted by lower alkyl (preferably methyl), lower alkoxy (preferably methoxy), halogen (preferably chlorine or bromine) amino or hydroxy, a 2-thiazolyl ring or a 3-isothiazolyl ring optionally substituted by chlorine or bromine, a 3 (1, 2, 5) thiadiazolyl ring optionally substituted by chlorine or bromine, or a 2-(5-amino-1, 3, 4-thiadiazolyl) ring Z is sulphur or a methylene group, X is oxygen or sulphur, W is methylene, oxygen or sulphur, m and n are such that their sum is from 1 to 4 when W is oxygen or sulphur or from 0 to 4 when W is methylene, A is a 1- or 2-pyridyl ring or a 2, 3-dihydro-1, 4-benzodioxinyl or a 1, 3-benzodioxolyl ring or a phenyl ring substituted with one or more lower alkyl, lower alkoxy, halogen, arylalkoxy, hydroxy, alkoxyalkoxy, trifluoromethyl, di(loweralkyl) amino, phenoxy, halophenoxy, alkoxyphenoxy, phenyl, halophenyl or alkoxyphenyl groups and when  $-(CH_2)_m W (CH_2)_n$  is not methylene group, A may also be phenyl, and Y<sup>3</sup> is hydrogen or lower alkyl, which comprises treating an amine of the formula 4.



wherein Het' and Z are as defined above, with a compound of the formula 5



wherein X, Y<sup>3</sup>, m, W, n and A are as defined above and Q is loweralkylthio, benzylthio, halogen, or other reactive grouping which is conveniently displaced with an amine

CLASS 195A &amp; D

146737.

Int Cl-F16k 15/00

IMPROVEMENTS IN OR RELATING TO BALL VALVE AND MANNER OF MANUFACTURING IT.

*Applicant & Inventor* : BAPOO MALCOLM MALCOLM, OF 8 NOUSHIR BHARUCHA ROAD, BOMBAY-400 007 OF MAHARASHTRA STATE, INDIA.

Application No. 119/Bom/75 filed May 2, 1975.

Post dated 2nd August, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 4 Claims.

A ball valve comprising of a main body, a rotatable ball incorporated within the main body, an actuating spindle inserted inside the main body, main seals placed into the main body, and engaging the rotatable ball, two end pieces fitted rigidly to both sides of the main body and held to the main body rigidly by means of bolts, such end pieces being made of flat circular plates and drilled and counter bored to accept the fixing bolts and further held to the main body and to each other by bolts and stay bars so that each end piece mates the valves to the pipeline/equipment flange, the end piece being such that one face touches the main body and the other face touches the pipeline/equipment flange, the lower gland seal, set of gland seals, the gland follower and gland plate being slipped over the spindle and bolted by bolts towards the body to load the gland, and arrestor and handle being slipped over the actuating spindle and the handle being secured to the actuating spindle by a bolt.

CLASS 136E &amp; 151C.

146738.

Int Cl-F161 11/00

AN APPARATUS FOR MANUFACTURING HOSE PIPES FROM THERMOPLASTIC MATERIAL

*Applicant & Inventor* : JAYANTILAL AMBALAL GAJJAR, AT 9, BHAKTI MATA CO-OPERATIVE HOUSING SOCIETY LIMITED, BEHIND NEW VIKAS GRAH, AHMEDABAD-7, (GUJARAT STATE), INDIA.

Application No. 113/Bom/76 filed April 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 10 Claims.

An apparatus for manufacturing hose pipes from thermoplastic materials comprising a motor driving a gear wheel having inverted teeth by means of a belt drive, said gear wheel being in mesh with a set of planetary gears, said planetary gears being provided with shafts and are adapted to rotate on their individual axis, an extrusion nozzle provided in close proximity to said shafts, said extrusion nozzle adapted to supply soft and hard thermoplastic materials onto said shafts, a pressure roller provided in conjunction with said shafts and such as to join the adjacent side surfaces of the thermoplastic materials supplied to the said shafts by the said extrusion nozzle.

CLASS 146D. 143739.  
Int. Cl.-G01b 11/00.

#### A NOVEL OPTICAL DISTANCE INDICATOR DEVICE.

*Applicant & Inventor* : MRS. UMA JAIDEV LAHIR, 28, PANCH PANDAV HOUSING SOCIETY, POONA-411 016, MAHARASHTRA, INDIA.

Application No. 127/Bom/77 filed April 1, 1977.

Complete Specification left May 18, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

#### 6 Claims.

An optical distance indicator device for being used in cobalt therapy unit consisting of a combination of : (i) a tube carrying a projection lens holder and means for focussing provided at lens and thereof; (ii) a means provided in the middle of said tube for fixing a condenser lens; (iii) a means for fixing a slide between a projection lens holder and said lens holder; (iv) a means for fixing a projection lamp holder and said means carrying a series of louvred openings formed therein for ventilating and heat dissipation from said projection lamp fitted to said lamp holder, the arrangement being such that when distance between cobalt gun and skin to be exposed to cobalt radiation is to be measured, said projection lamp is switched 'ON' so that said slide carrying the distance measurements and other graphs is projected on a table on which patient to be exposed to cobalt therapy is lying and said projection is focussed by adjusting and turning the rotatably mounted lens holder on its axis within tube of the device and then the cobalt gun is adjusted and aimed thereafter the said projection lamp is switched 'OFF' and the cobalt gun is switched 'ON' for pre-determined time sequence set for the exposure of the skin of the patient to cobalt therapy in any known manner.

#### CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

##### (1)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 139804 (earlier numbered as 164/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st July, 1976 have been corrected to read as "A process for the beneficiation of titaniferous ores to produce titanium dioxide" under section 78(3) of the Patents Act, 1970.

##### (2)

The title of the invention in the application and specification as well as the opening description of the specification of patent application No. 141574 (earlier numbered as 733/Cal/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 19th March, 1977 has been corrected to read as "A method of forming a terminal seal in the electric storage battery and a terminal seal for the storage battery obtained therefrom", under Section 78(3) of the Patents Act, 1970.  
2-207GI/79

##### (3)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 141643 (earlier numbered as 1534/Cal/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 2nd April, 1977 has been corrected to read as "A method of producing cork gaskets and cork gaskets so produced" under section 78(3) of the Patents Act, 1970.

##### (4)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 141665 (earlier numbered as 624/Cal/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 2nd April, 1977 has been corrected to read as "A process for the manufacture of alkali metal dithionite", under Section 78(3) of the Patents Act, 1970.

##### (5)

The title of the invention in the application and specification as well as opening description of the specification for patent application No. 141688 (earlier numbered as 560/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 2nd April, 1977 has been corrected to read as "A vehicle deceleration bed and a method of its formation in situ" under section 78(3) of the Patents Act, 1970.

##### (6)

The title in the application specification and also opening description of the specification of application for patent No. 141735 (earlier numbered as 969/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 9th April, 1979 has been corrected to read as "A direction indicator control circuit for a road vehicle", under section 78(3) of the Patents Act, 1970.

##### (7)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 141743 (earlier numbered as 1337/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 9th April, 1977 have been corrected to read as "Process of recovering guanidine carbonate from a dilute aqueous solution", under section 78(3) of the Patents Act, 1970.

##### (8)

The title of the invention in the application and specification and as well as opening description of the specification in respect of patent application No. 141760 (earlier number as 1130/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 16th April, 1977 has been corrected to read as "Apparatus for monitoring thermal profiles existing across metal surfaces to be welded together" under section 78(3) of the Patents Act, 1970.

##### (9)

The title of the invention in the application and specification for patent application No. 141765 (earlier numbered as 1850/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 16th April, 1977 has been corrected to read as "A coke oven battery" under section 78(3) of the Patents Act, 1970.

##### (10)

The title of the invention in the application and specification for patent application No. 141766 (earlier numbered as 1908/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 16th April, 1977 has been corrected to read as "Method and apparatus for producing copperplated steel wire and copperplated steel wire so obtained" under Section 78(3) of the Patents Act, 1970.

(11)

The title of the invention in the application and specification of application for patent No. 143371 (earlier numbered as 2733/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 12th November, 1977 has been corrected to read as "A rotor of a turbine and a means for balancing the same" under Section 78(3) of the Patents Act, 1970.

(12)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143408 (earlier numbered as 1574/Cal/76), the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 19th November, 1977 has been corrected to read as "Electrolytic apparatus for the production of chlorine from aqueous alkali metal chloride" under Section 78(3) of the Patents Act, 1970.

(13)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 143490 (earlier numbered as 30/Mas/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 10th December, 1977 has been corrected to read as "A method of preparing confectionery", under section 78(3) of the Patents Act, 1970.

(14)

The title of the invention in the application and specification and as well as opening description of the specification in respect of patent application No. 143499 (earlier numbered as 201/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 10th December, 1977 has been corrected to read as "Underjet coke oven batteries", under section 78(3) of the Patents Act, 1970.

(15)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143615 (earlier numbered as 241/Mas/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st December, 1977 has been corrected to read as "Process and apparatus for decorticating, decuticling and degerming of groundnuts", under Section 78(3) of the Patents Act, 1970.

(16)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 143657 (earlier numbered as 2567/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th January, 1978 has been corrected to read as "A sliding gate member adapted for use in the pouring of metals", under section 78(3) of the Patents Act, 1970.

(17)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 143658 (earlier numbered as 61/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th January, 1978 have been corrected to read as "A sliding plate, a sliding gate valve incorporating it and a vessel incorporating such sliding gate valve", under section 78(3) of the Patents Act, 1970.

(18)

The title of the invention in the application and specification as well as the opening description of the specification of patent application No. 143748 (earlier numbered as 578/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 28th January, 1978 has been corrected to read as "Method and apparatus for welding an elongated member to a tube along a line", under Section 78(3) of the Patents Act, 1970.

(19)

The title in the application, specification and also opening description of the specification of application for patent No. 143786 (earlier numbered as 34/Mas/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th February, 1978 has been corrected to read as "A revolving attachment for use in a submerged arc welding apparatus" under section 78(3) of the Patents Act, 1970.

(20)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 143809 (earlier numbered as 138/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th February, 1978 has been corrected to read as "A process for improving the properties of cutting edges of metals and razor blades treated by such process", under section 78(3) of the Patents Act, 1970.

(21)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 143846 (earlier numbered as 968/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 have been corrected to read as "A method of connecting two members such as in a low-voltage HRC fuse an assembly so manufactured, a low voltage HRC fuse and the low voltage HRC fuse including an assembly", under section 78(3) of the Patents Act, 1970.

(22)

The title of the invention in the application and specification as well as the opening description of the specification of patent application No. 143862 (earlier numbered as 81/Del/77) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 has been corrected to read as "A valve mechanism for a two stroke internal combustion engine", under section 78(3) of the Patents Act, 1970.

(23)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 143865 (earlier numbered as 554/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th February, 1978 has been corrected to read as "A method of processing copolymers of ethylene and polar comonomers to form an extruded product", under section 78(3) of the Patents Act, 1970.

(24)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144003 (earlier numbered as 1818/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th March, 1978 have been corrected to read as "Improvements in or relating to the process for making aluminium alloy and a process for making electric grade conductor therefrom", under Section 78(3) of the Patents Act, 1970.

(25)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144027 (earlier numbered as 577/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th March 1979 have been corrected to read as "A process for preparing a magnesium containing complex", under Section 78(3) of the Patents Act, 1970.

(26)

The title of the invention in the application and specification for patent application No. 144035 (earlier numbered as 1928/Cal/75) the acceptance of the complete specification of which

was notified in Part III, Section 2 of the Gazette of India dated the 11th March, 1978 has been corrected to read as "Installation for electrostatic precipitation" under Section 78(3) of the Patents Act, 1970.

(27)

The title in the application, specification and also opening description of the specification of application for patent No. 144075 (earlier numbered as 1020/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th March, 1978 has been corrected to read as "A device for testing continuity of blasting circuit", under section 78(3) of the Patents Act 1970.

(28)

The title in the application, specification and also opening description of the specification of application for patent No. 144082 (earlier numbered as 1782/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 has been corrected to read as "A power unit" under section 78(3) of the Patents Act, 1970.

(29)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 144095 (earlier numbered as 1565/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 has been corrected to read as "A process for machine scarling individual defects from the surface of a metal body" under section 78(3) of the Patents Act, 1970.

(30)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144098 (earlier numbered as 466/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 have been corrected to read as "A semiconductor device", under section 78(3) of the Patents Act, 1970.

(31)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 144099 (earlier numbered as 851/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 has been corrected to read as "Method and apparatus of or clearing a surface of an article", under section 78(3) of the Patents Act, 1970.

(32)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144130 (earlier numbered as 1648/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 have been corrected to read as "A process of manufacturing a nickel-based alloy" under Section 78(3) of the Patents Act, 1970.

(33)

The title in the application, specification and also opening description of the specification of application for patent No. 144207 (earlier numbered as 865/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th April, 1978 has been corrected to read as "An automatic weaving shuttle and a bobbin in combination with the shuttle", under section 78(3) of the Patents Act, 1970.

(34)

The title in the application, specification and also opening description of the specification of application for patent No. 144269 (earlier numbered as 1039/Cal/76) the acceptance of the complete specification of which was notified in Part III,

Section 2 of the Gazette of India dated the 22nd April, 1978 has been corrected to read as "A fluid circulating apparatus", under section 78(3) of the Patents Act, 1970.

(35)

The title of the invention in the application and specification for patent application No. 144401 (earlier numbered as 525/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th April, 1978 has been corrected to read as "Method of manufacturing mercury vapour discharge lamp and mercury vapour discharge lamp so manufactured", under Section 78(3) of the Patents Act, 1970.

(36)

The title of the invention in the application, specification and also the opening description of the application in respect of patent application No. 144482 (earlier numbered as 981/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 6th May, 1978 have been corrected to read as "Improvements in or relating to a circuit arrangement including a transformer and means for connecting the transformer in an alternating voltage source", under section 78(3) of the Patents Act, 1970.

(37)

The title in the application, specification and also opening description of the specification of application for a patent No. 144597 (earlier numbered as 695/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "A pressure-sensitive adhesive composition" under section 78(3) of the Patents Act, 1970.

(38)

The title in the application and specification as well as opening description of the specification of application for patent No. 144616 (earlier numbered as 1282/Cal/76) the acceptance of the complete specification of which notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "A method for obtaining porous material treated with a stable resin composition" under Section 78(3) of the Patents Act, 1970.

(39)

The title in the application, specification and also opening description of the specification of application for patent No. 144672 (earlier numbered as 1563/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 10th June, 1978 has been corrected to read as "A viewing device and a combination of the same with steam and water drums", under Section 78(3) of the Patents Act, 1970.

(40)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144796 (earlier numbered as 963/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th July, 1978 have been corrected to read as "A cold deformation process for the manufacture of reinforcing metal bars", under Section 78(3) of the Patents Act, 1970.

(41)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 144827 (earlier numbered as 1867/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 15th July, 1978 has been corrected to read as "A process for producing sulfur from acid gases" under section 78(3) of the Patents Act, 1970.

(42)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144904 (earlier numbered as 2164/Cal/75) the acceptance of the complete specification of which

was notified in Part III, Section 2 of the Gazette of India dated the 22nd July, 1978 have been corrected to read as "An integrated circuit package and a method of forming it" under section 78(3) of the Patents Act, 1970.

(43)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 144907 (earlier numbered as 323/Bom/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 22nd July, 1978 has been corrected to read as "A shuttle checking device for looms and a shuttle-checking-cum-swell release mechanism", under section 78(3) of the Patents Act, 1970.

(44)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144915 (earlier numbered as 942/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th July, 1978 has been corrected to read as "A rotary continuous vacuum filter and a method of vacuum filtering using it" under section 78(3) of the Patents Act, 1970.

(45)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 144919 (earlier numbered as 1746/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th July, 1978 have been corrected to read as "A process and apparatus for continuously separating by gravity a particulate carbon-liquid organic extractant dispersion", under section 78(3) of the Patents Act, 1970.

(46)

Under Section 78(1) of the Patents Act, 1970, certain clerical errors occurring in the specification in respect of patent No. 146040 has been corrected on 25th July 1979.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

107283

(2)

133170

(3)

140016 140052

#### PATENTS SEATED

143318 143392 143590 143591 143646 143686 144024 144026  
144049 144096 144111 144118 144133 144135 144175 144195  
144463 144838 144875 144916 144918 144923 144926 144931  
144983 145026 145036 145037 145043 145068 145082 145086  
145154 145172 145185 145201 145202 145210 145214 145229  
145244 145245 145249 145251 145252 145257 145258 145261  
145265 145267 145268 145270 145274 145277 145278 145279  
145283 145285 145286 145291 145292 145295 145297 145300  
145304 145307 145331 145332 145355 145357 145358 145359  
145373 145403 145407 145410 145416 145420 145428 145441  
145463 145477 145480 145481 145482 145485 145487 145491  
145515 145518 145532 145533 145535 145539 145540 145542  
145543 145546 145553 145554 145603 145606

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Atlas Copco Aktiebolag, a Swedish Company, residing at Nacka, Sweden have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 129675 for "Improvements in a pressure fluid operated percussion tool". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Chandra Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Australian Fertilizers Limited, a Company incorporated under the laws of the State of Victoria, of 213 Miller Street, North Sydney, in the State of New South Wales, Australia, have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 143341 for "Production of granular ammonium sulphate". The amendments are by way of disclaimer correction and explanation. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Chandra Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Chátain Gyógyszer Es Vegyeszeti Termékek Gyára RT., a body Corporate organised under the laws of Hungary, of 1-5 to u., Budapest IV, Hungary, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 144635 for "Process for preparing new thiazoloisoquinolines". The amendments are by way of explanation and correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Chandra Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(4)

The amendments proposed by Schubert & Salzer Maschinenfabrik Aktiengesellschaft, in respect of application for patent No. 143682 as advertised in Part III, Section 2 of the Gazette of India dated the 18th February, 1978 have been allowed.

(5)

The amendments proposed by Toyama Chemical Co. Ltd. in respect of application for patent No. 145443 as advertised in Part III, Section 2 of the Gazette of India dated the 31st March, 1979 have been allowed.

#### PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the Invention
137423 (14-5-73)	Process for the preparation of new 2, 4-benzox-azepine derivatives.
137436 (14-9-73)	Process for preparation of new 3, 3'-benzotri-azinyll compounds.
137437 (14-9-73)	Process for preparation of new 3, 3'-benzotri-azinyll compounds.
137440 (24-9-74)	Improvements in or relating to production of edible protein containing substances.
137442 (27-9-72)	Method of selective separation of konjac flour from the tubers of amorphophallus konjac.

## RFNEWAL FEES PAID

94270	94710	95017	95094	98919	100415	100636	100637
100805	100937	100980	101003	101201	102266	105136	106175
106401	106426	106479	106482	106504	106517	106551	106560
106683	106684	106711	106989	107108	107279	107538	107539
108295	111014	111319	111555	111726	111776	111824	111877
111904	112010	112117	112167	112877	115619	116431	116437
116890	116976	117319	117344	117345	117451	117470	117486
117687	117775	119450	121698	121699	121991	122368	122552
122560	122582	122585	122594	122610	122685	122686	122720
122729	122766	122789	122792	122853	122903	122923	123665
123775	124901	126143	127454	127628	127648	127835	127854
127872	127883	127885	127908	127958	127978	127990	127992
128000	128018	128061	128069	128088	128096	128097	128151
128159	128228	128229	132002	132045	132046	132048	132161
132263	132286	132296	132356	132357	132387	132388	132391
132392	132393	132394	132414	132415	132427	132435	132437
132472	132488	132626	132627	132642	132662	132686	133952
135196	135284	135380	135472	135496	135512	135530	135544
135550	135685	135743	135888	135995	136147	136369	136465
136793	136835	136912	137222	137292	137308	137493	137886
138071	138078	138152	138187	138544	138854	139446	139525
139560	139689	139757	139945	139962	139965	139968	139981
140027	140113	140135	140229	140329	140337	140389	140565
140804	140843	140906	141034	141161	141228	141290	141399
141636	141649	141660	141698	141813	142012	142123	142159
142205	142208	142209	142436	142452	142552	142702	142798
143004	143010	143015	143024	143034	143100	143176	143326
143565	143566	143699	143782	143793	143858	143861	143905
143950	143967	144050	144097	144102	144126	144261	144286
144328	144422	144569	145769	145834	145835	145837	

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 89570 granted to Joseph Szydowski and subsequently assigned to TURBOMECA for an invention relating to "gas turbine fed with liquid and gaseous fuels". The Patent ceased on the 23rd August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 117003 granted to The Tata Oil Mills Company

Limited for an invention relating to "extraction of solubles from tea leaf and manufacture of soluble tea powder". The patent ceased on the 30th July 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 123382 granted to The Tata Oil Mills Company Limited for an invention relating to "improvements in the extraction of the soluble tea solids from the tea leaves, and manufacture of soluble tea products". The patent ceased on the 30th September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 126881 granted to Jacob Zawels and Eric Donald Renaud for an invention relating to "apparatus for monitoring student actions". The Patent ceased on the 1st June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 127051 granted to Societe Technique Pour L'Utilisation De La Precontrainte (S. T. U. P. Procédés Freyssinet) for an invention relating to "Multiple wedge anchorage device for prestressing tendons". The Patent ceased on the 12th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 19th May 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 130768 granted to Medical Testing Systems, Inc. for an invention relating to Clinical specimen collecting im-

plement". The Patent ceased on the 29th March 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th April 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 131326 granted to New Central Jute Mills Company Limited for an invention relating to "process for the simultaneous production of soda ash and ammonium chloride". The Patent ceased on the 12th May 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135524 granted to Moskovsky Gosudarstvennyy Pedagogichesky Institut Inostrannykh Yazykov Imeni Morisa Toreza for an invention relating to "teaching machine preferably for studying foreign language". The patent ceased on the 15th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139042 granted to Roy Joseph Weikert for an invention relating to "filling and sealing system". The Patent ceased on the 23rd May 1978 due to non-payment of renewal fees within the prescribed time and cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 21st April 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 140609 granted to G. D. Societa Per Azioni former known as G. D. Societa In Accomandita Semplice Di Enzo Seragnoli F. Ariosto Seragnoli for an invention relating to

"device for preventing products, particularly packets of cigarettes or similar, packets from rebounding when undergoing a change of direction on a transfer line linking two machines". The patent ceased on the 19th November 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th December 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(11)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141387 and its Patent of Addition No. 141481 granted to American Can Company for an invention relating to "curbed container bodies, method of securing closures thereto and containers formed thereby". The patent ceased on the 6th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 19th May 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(12)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142189 granted to International Business Machines Corporation for an invention relating to "hopper mechanism". The patent ceased on the 3rd August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October, 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(13)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142547 granted to Armco Steel Corporation for an invention relating to "process for the production of an oxidation-resistant alloy steel". The patent ceased on the 29th September 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 25th October 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147758. Zahoor Ahmed Proprietor of Price Industries, 1256-Mahar Sarai, Belimaran, Delhi-110006, India, An Indian National, "Toy", November 23, 1978.

Class 1 No. 147796. Arora Manufacturing Co., E/161, Focal Point, Sher Pur, Ludhiana, Punjab State, an Indian Firm. "Pad lock". December 7, 1978.

Class 1. No. 147802. Highland Metal Industries, a regd. Indian Partnership Firm, of 163, Panjarapole Lane, Bombay-40004, Maharashtra, India. "Tiffin carrier". December 8, 1978.

Class 1. No. 147805. Desai Trading Co., 189, Abdul Rehman Street, Bombay-400003, Maharashtra, an Indian Partnership Firm. "Watch strap". December 8, 1978.

Class 1. Nos. 147808 to 147811. Sarada Hardware Agency, 161, Netaji Subhas Road, Calcutta-7, West Bengal, an Indian Proprietary concern. "Domestic oven". December 12, 1978.

Class 1. Nos. 147819 to 147833. Paramount Trading Corporation, Tavela Street, Moradabad (U.P.) An Indian Partnership Concern. "Pendant". December 13, 1978.

Class 1. No. 147836. Bharat Precision Instruments Co. 487/24, Pira Garhi, Rohtak Road, Delhi-41, an Indian Partnership Concern. "Water meters". December 14, 1978.

Class 1. No. 147839. M/s. TNK Electronics, 93/2B, Bidhan Sarani, Calcutta-700004, West Bengal, an Indian Partnership Firm. "The power supply and control unit for T.V. Antenna Booster". December 18, 1978.

Class 3. No. 147603. Shree Agencies, 4F/13, Jhandewalan Extension, New Delhi-110055 (India) An Indian Partnership Firm "Desh board for motor land vehicles". September 26, 1978.

Class 3. No. 147775. Tirath Ram Sood, trading as Flatpak India International, 29, Hamidia Road, Bhopal, Madhya Pradesh, Indian National, "Folding cot". November 28, 1978.

Class 3. Nos. 147779 & 147780. Plastic & Metal Devices (India), H-172, Ashok Vihar, Delhi-110052, India, an Indian Partnership Firm. "Pencil sharpener." November 28, 1978.

Class 3. No. 147781 Plastic & Metal Devices (India), H-172, Ashok Vihar, Delhi-110052, India, an Indian Partnership Firm. "Pencil sharpener". November 29, 1978.

Class 3. No. 147813. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400020, Maharashtra State, an Indian Partnership Firm. "Juicer". December 12, 1978.

Class 3. No. 147818. Paros Electronics (P) Ltd, 5, Community Centre Naraina Industrial Estate, New Delhi-110028. "Cesstette". December 13, 1978.

Class 3. No. 147840. M/s. TNK Electronics, 93/2B, Bidhan Sarani, Calcutta-700004, West Bengal, an Indian Partnership firm. "The power supply and control unit for T.V. Antena booster". December 18, 1978.

Class 3. No. 147841. Rama Prasad Datta, 19, Serpentine Lane, Calcutta-14, West Bengal, Indian. "Cover of dry-cell battery". December 18, 1978.

Class 3. No. 147850. Satish Farshuram Herekar, 510, Budhwar Peth, Poona-2, Maharashtra State, Indian. "Wooden toy". December 19, 1978.

Class 3. No. 147852. Indian Cosmetics, 35J, Raja Naba Kissen Street, Calcutta-700005, West Bengal, an Indian Proprietorship Concern. "Container". December 20, 1978.

Class 4. No. 147789. Worth Parfums S. A., a Company duly organised and existing under the laws of France, of 26, Rue Bayard, Paris-8, France. "A bottle". December 4, 1978.

Class 4. No. 147801. Yezdi Distilleries, a regd. Indian Partnership Firm, of Krupalaya, Nezarbad, Mysore-570 010, Karnataka. "Bottle". December 8, 1978.

Class 4. No. 147842. M/s. Marblester Industries "Sukhmani" Plot No. 154, Sindhi Society, Chembur, Bombay-400 071 (Maharashtra State) An Indian Partnership Concern. "Wash basin". December 18, 1978.

Class 5. No. 147853. Rama Prasad Datta, 19, Serpentine Lane, Calcutta-14, West Bengal, Indian. "Packet" December 20, 1978.

Class 10. No. 147979. Shah Enterprises, Udyog Nagar, Gala No. 4, Plot No. 9, Goregaon (West), Bombay-400062, Maharashtra State, an Indian Partnership Firm. "Footwear". January 19, 1979.

Name Index of applicants for Patents for the month of May, 1979 (Nos. 438/Cal/79 to 565/Cal/79, 120/Bom/79 to 161/Bom/79, 73/Mas/79 to 97/Mas/79 and 285/Del/79 to 389/Del/79).

## Name &amp; Appln. No.

## -A-

A. A. Nambiar & Sons.—86/Mas/79.

Abacus Engineering Limited.—379/Del/79.

Abhyankar, G. S.—135/Bom/79.

Aditya, S. (Mrs.).—307/Del/79.

Aktiebolaget IRO.—516/Cal/79.

Akzo N. V.—456/Cal/79.

Alchemie Research Centre Private Limited.—155/Bom/79 and 156/Bom/79.

Allegheny Ludlum Industries, Inc.—389/Del/79.

American Standard Inc.—507/Cal/79, 508/Cal/79 and 509/Cal/79.

Amsted Industries Incorporated.—468/Cal/79.

Arbed, Acieries Reunies DE Burbach-Eich-Dudelange, Societ Anonyme.—368/Del/79.

Aspro, Inc.—339/Del/79.

## -B-

B. F. Goodrich Company, The.—530/Cal/79.

Babcock & Wilcox Company, The.—504/Cal/79 and 538/Cal/79.

Badagara, G.—86/Mas/79.

Bam, A. V.—136/Bom/79.

Banerjee, B. K.—473/Cal/79.

Barham, D. C.—334/Del/79.

Barham, H. N. (Jr.).—334/Del/79.

Batabyal, P.—465/Cal/79.

Bayer Aktiengesellschaft.—355/Del/79 and 367/Del/79.

Beloit Corporation.—448/Cal/79.

Bendix Corporation, The.—290/Del/79.

*Name & Appln No*

Bhat K S—84/Mas/79  
 Bhatt, K C—83/Mas/79  
 Biwater Shellabear Limited—289/Del/79.  
 Boling N L—450/Cal/79  
 Bombay Box Factory—128/Bom/79  
 Brennstoffinstitut Freiberg—555/Cal/79  
 British Railways Board—532/Cal/79 and 541/Cal/79  
 Brunn, O—529/Cal/79  
 Bunker Ramo Corporation—528/Cal/79 and 565/Cal/79  
 Burioughs Corporation—472/Cal/79, 483/Cal/79, 514/Cal/79  
 521/Cal/79 and 524/Cal/79

## -C-

CPC International Inc—482/Cal/79  
 Cands Exports Private Limited—132/Bom/79  
 Caprihans India Limited—134/Bom/79  
 Caraid Patents N V—438/Cal/79  
 Carrier Corporation—291/Del/79  
 Chatterjee, D K—511/Cal/79  
 Chellam, V C—89/Mas/79  
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 Defence, Government of India, The—376/Del/79 and 377/  
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 Chinoin Gyogyszer-ES Vegyszeri  
 Termek Gyara RT—447/Cal/79 and 519/Cal/79  
 Chloride Group Limited—487/Cal/79  
 Ciba-Geigy AG—326/Del/79, 344/Del/79 and 345/Del/79  
 Combustion Engineering Inc—520/Cal/79 and 554/Cal/79  
 Council of Scientific and Industrial  
 Research—316/Del/79, 317/Del/79, 318/Del/79, 319/  
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 366/Del/79, 372/Del/79, and 373/Del/79  
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 Das J—131/Bom/79  
 Davis, L M—518/Cal/79  
 Diamond Shamrock Corporation—475/Cal/79 and 544/  
 Cal/79  
 Doshi, T K—138/Bom/79  
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 Dulmison (Australia) Pty Limited—354/Del/79  
 Dunlop Australia Limited—383/Del/79  
 Dunlop India Limited—536/Cal/79  
 Dynamit Nobel Aktiengesellschaft—485/Cal/79

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Eastman Kodak Company—298/Del/79  
 Elkem-Spigerveret A/S—343/Del/79.

Exchem Holdings Limited—327/Del/79 and 346/Del/79  
 Expansia—352/Del/79

## F-

F Hoffmann La Roche & Co.,  
 Aktiengesellschaft—517/Cal/79  
 FMC Corporation—384/Del/79  
 Federal-Mogul Corporation—324/Del/79  
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 Freyssinet International (STUP)—356/Del/79

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 General Electric Company Limited,  
 The—296/Del/79, 314/Del/79 and 330/Del/79  
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 Girling Limited—81/Mas/79  
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 Goodyear Tire & Rubber Company, The—323/Del/79  
 Gopalakrishnan, S—91/Mas/79  
 Gopalan, S—82/Mas/79  
 Guigan, J—388/Del/79

## -H-

Halcon International, Inc—328/Del/79  
 Harish Textile Engineers Pvt Ltd—159/Bom/79  
 Hazen Research, Inc—374/Del/79  
 Hepworth Iron Company Limited, The—351/Del/79  
 Hitachi Limited—490/Cal/79  
 Hitachi Maxell, Ltd—552/Cal/79  
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 Houghstein, P A—349/Del/79

## -I-

ICI Americas Inc—315/Del/79  
 IMI Norgren Limited—335/Del/79  
 I S C Smelting Ltd—336/Del/79  
 Imperial Chemical Industries Limited—304/Del/79, 312/Del/  
 79, 315/Del/79 and 371/Del/79  
 Ina Redemientos DE Aguas, S A—303/Del/79  
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 Institut Neftkhemicheskikh Protessov Imeni Akademika  
 J U G Mamedshieva Akademii Nauk Azerbaidezhanskoi  
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 International Paper Company—539/Cal/79  
 Inter Ocean N V—477/Cal/79

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Johnson & Johnson.—440/Cal/79, 441/Cal/79 and 442/Cal/79.

## -K-

Kabel-Und Metallwerke Gutehoffnungshutte Aktiengesellschaft.—484/Cal/79.

Kelkar, P. G.—145/Bom/79 and 146/Bom/79.

Khadi & Village Industries Commission, Gobar Gas Research and Development Centre.—125/Bom/79.

Kothari, D. J.—126/Bom/79.

Kunchithapadam, S.—76/Mas/79, 85/Mas/79 and 96/Mas/79.

Kureha Kagaku Kogyo Kabushiki Kaisha.—500/Cal/79, 550/Cal/79, and 551/Cal/79.

## -L-

Leonard, J. D.—369/Del/79.

Lesieur-Cotelle & Associates S. A.—382/Del/79.

Losinger AG.—523/Cal/79.

Lucas Industries Limited.—375/Del/79, 531/Cal/79, 545/Cal/79 and 557/Cal/79.

## -M-

Magnesium Elektron Limited.—558/Cal/79.

Martin, S.—123/Bom/79 and 124/Bom/79.

Murtins, M. R.—466/Cal/79.

Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft.—294/Del/79, 295/Del/79, 297/Del/79, 299/Del/79, 300/Del/79, 313/Del/79, 361/Del/79 and 470/Cal/79.

Maschinenfabrik Rieter A. G.—451/Cal/79, 481/Cal/79 and 563/Cal/79.

Medappa, P. M.—130/Bom/79, 152/Bom/79 and 153/Bom/79.

Merisinter S.p.A.—364/Del/79.

Messerschmitt-Bolkow-Blohm Gesellschaft MIT Beschränkter Haftung.—310/Del/79.

Metallurgical Processes Limited.—336/Del/79.

Metni, S.—489/Cal/79.

Miles Laboratories Inc.—325/Del/79.

Mistry, G. M.—157/Bom/79.

Mitra, A. K.—510/Cal/79.

Mitra, D. K.—543/Cal/79.

Mitsui Toatsu Chemicals, Inc.—311/Del/79.

Moholkar, A. R.—120/Bom/79.

Mona Industries, Inc.—442/Cal/79.

Monsanto Company.—488/Cal/79, 492/Cal/79 and 502/Cal/79.

Morris, D. E.—137/Bom/79.

Mundipharma AG.—515/Cal/79.

Muralidharan, A.—86/Mas/79.

Muvek, M.—525/Cal/79.

## -N-

NRM Corporation.—471/Cal/79.

N. V. Philips' Gloeilampenfabrieken.—491/Cal/79.

Nagarajan, S.—77/Mas/79.

Nagata, T.—503/Cal/79.

Nair, K. M. R. K.—443/Cal/79 and 449/Cal/79.

Nawab, G. N.—494/Cal/79.

Nicholas Proprietary Limited.—564/Cal/79.

Nissan Chemical Industries Ltd.—476/Cal/79.

Nugent, R. O.—308/Del/79.

## -O-

Olin Corporation.—380/Del/79.

Omark Industries, Inc.—406/Cal/79.

## -P-

Parashuram, M. Y.—122/Bom/79.

Parikh, J. N.—494/Cal/79.

Parikh, R. H.—129/Bom/79.

Pennzoil Company.—522/Cal/79.

Pfizer Corporation.—337/Del/79.

Pfizer Inc.—293/Del/79 and 370/Del/79.

Philips Petroleum Company.—553/Cal/79.

Pilkington Brothers Limited.—460/Cal/79.

Polysar Limited.—455/Cal/79.

Polysius AG.—292/Del/79.

Prakash, P. D.—90/Mas/79.

Prerovske Strojirny, Narodni Podnik.—461/Cal/79.

Pritam.—158/Bom/79.

Purohit, H. C.—543/Cal/79.

## -R-

Raghavan, K. T. V.—82/Mas/79.

Ramaswamy, S. P.—92/Mas/79.

Rapp, C. F.—450/Cal/79.

Ray, S. (Dr.).—467/Cal/79.

Research Analysis & Development, Incorporated.—301/Del/79.

Rist's Wires & Cables Limited.—309/Del/79.

Robert Bosch GMBH.—512/Cal/79.

Rosemount Inc.—562/Cal/79.

Row, M. B.—74/Mas/79.

Ruhrchemie Aktiengesellschaft.—332/Del/79.

## -S-

Sane, N. D.—127/Bom/79.

Sarkar, M. (Dr.).—549/Cal/79.

Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—501/Cal/79.

Science Union Et Cie, Societe Francaise De Recherche Medicale.—288/Del/79.

Sen, S. N.—378/Del/79.

Searle (India) Ltd.—133/Bom/79, 149/Bom/79 and 150/Bom/79.

Siemens Aktiengesellschaft.—453/Cal/79, 454/Cal/79, 462/Cal/79, 463/Cal/79, 464/Cal/79 and 540/Cal/79.

Singh, G. (Ex. Captain).—358/Del/79.

Singh, R.—305/Del/79, 306/Del/79 and 321/Del/79.

Sinha, N. (Dr.).—527/Cal/79.

Sir Padampat Research Centre.—359/Del/79.

Snamprogetti S.p.A.—537/Cal/79.

Snia Viscosa Societa' Nazionale Industria Applicazioni  
Viscosa S.p.A.—526/Cal/79 and 561/Cal/79.

Societe D'Etudes DE Produits Chimiques.—360/Del/79.

Societe D'Etudes Scientifiques Et Industrielles De L'Ile-De-  
France.—457/Cal/79.

Societe Dito : A.C.M.A.T.

Ateliers DE Constructions Mecaniques  
DE L'Atlantique.—495/Cal/79, 496/Cal/79, 497/Cal/79,  
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Societe Nationale Industrielle  
Aerospatiele.—385/Del/79.

Spirax Sarco Limited.—331/Del/79.

Sridhar, P. (Mrs.).—93/Mas/79 and 95/Mas/79.

Srishaila, M. A.—94/Mas/79.

Stanadyne, Inc.—513/Cal/79.

Standard Oil Company, The.—362/Del/79.

Stauffer Chemical Company.—439/Cal/79.

Stopnic Aktiengesellschaft.—452/Cal/79.

Sudersanam, S.—97/Mas/79.

Sulzer Brothers Limited.—546/Cal/79.

Sunkist Growers, Inc.—486/Cal/79.

-T-

Tata Engineering and Locomotive Company Limited.—147/  
Bom/79 and 148/Bom/79.

Tata Iron and Steel Company Limited, The.—559/Cal/79 and  
560/Cal/79.

Tathe, B. G.—121/Bom/79.

Tayal, R. M.—302/Del/79.

Texaco Development Corporation.—479/Cal/79 and 548/  
Cal/79.

Theis, J. V.—518/Cal/79.

Tower Scaffolding (Bristol) Limited.—556/Cal/79.

Toyo Engineering Corporation.—311/Del/79.

Tullis Russell & Company Limited.—487/Cal/79.

Turner & Newall Limited.—381/Del/79.

-U-

UOP Inc.—350/Del/79.

USS Engineers and Consultants, Inc.—322/Del/79 and 387/  
Del/79.

Union Carbide Corporation.—329/Del/79 and 493/Cal/79.

Uniroyal, Inc.—357/Del/79.

-V-

Vacmetal Gesellschaft fur Vakuum-Metallurgie mbh.—533/  
Cal/79.

Vaidya, A. S.—140/Bom/79, 141/Bom/79 and 142/Bom/79.

Vaidya, S. A.—154/Bom/79.

Veb Polygraph Leipzig.—478/Cal/79.

Verghase, M.—87/Mas/79.

Vostochny Nauchno-Issledovatel'sky I  
Proektny Institut Orneupornoi  
Promyshlennosti.—446/Cal/79.

Vsesojuzny Gosudarstvenny Institut  
Nauchno-Issledovatel'skikh i Proektnykh Rabot  
Ogneupornoi Promyshlennosti.—459/Cal/79.

Vsesojuzny Nauchno-Issledovatel'sky i Proektny Institut  
Aljuminievoi, Magnievoi I Elektrodoi  
Promyshlennosti.—474/Cal/79.

Vsesojuzny Nauchno-Issledovatel'sky Institut  
Tekhnicheskogo Ugleroda.—535/Cal/79.

-W-

Wagner-Biro Aktiengesellschaft.—505/Cal/79.

Walia, M. M.—458/Cal/79.

Wavin, B. V.—542/Cal/79.

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